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Appl. No. 10/525,621
Amdt. dated May 14, 2007
Reply to Office Action of April 13, 2007

PATENT**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1-4. (Cancelled)
5. (Currently Amended) A polynucleotide that encodes a mutant APC protein of ~~claim 1~~ comprising the function of inducing piling up of cells.
6. (Original) A vector that comprises the polynucleotide of claim 5.
7. (Currently Amended) A cell that comprises an artificially expressed mutant APC protein of claim ~~4~~ 5, or the vector of claim 6.
8. (Original) The cell of claim 7, which is derived from a mammal.
9. (Original) The cell of claim 7, which is derived from *Xenopus laevis*.
10. (Previously presented) A cell of claim 7, which is an established cell line.
- 11-12 (Cancelled)
13. (New) The polynucleotide of claim 5, wherein the polynucleotide encodes a mutant APC protein, wherein at least any one of the amino acid regions of (a) to (c) is deleted:
 - (a) C-terminal amino acid region starting from amino acid position 2827 in the APC protein of SEQ ID NO: 1;
 - (b) C-terminal amino acid region starting from amino acid position 2159 in the APC protein of SEQ ID NO: 1; and
 - (c) C-terminal amino acid region starting from amino acid position 860 in the APC protein of SEQ ID NO: 1.

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14. (New) The polynucleotide of claim 5, wherein the mutant APC protein is derived from *Xenopus laevis*.

15. (New) The polynucleotide of claim 5 and 13, wherein the polynucleotide encodes a mutant APC protein in which one or more amino acids are substituted, deleted, added, and/or inserted.